
 CARLO GAVAZZI CARLO GAVAZZI SPACE SpA	<h1>AMS02-PDS</h1>	DOC N°: PDS-RP-CGS-006 ISSUE : 1 DATE: 13/05/2008 PAGE : 1 of 3
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INSPECTION REPORT

APPLICABLE DOC. REF. AMS02-PDS PFM Manufacturing and Inspection Plan PDS-PL-CGS-001 is. 1	PROC. REF. N.A.
ITEM INSPECTED (Name, P/N, S/N) AMS02-PDS PFM – BOARDS — Inspection Point.	
REQUIREMENT SATISFIED Manufacturing according to aerospace standards	
INSPECTION (Action/Results) DESCRIPTION Inspection was performed at Carlo Gavazzi Space premises starting on 13 May 2008 and was carried out on the following boards, detail of the inspected boards were below reported: 1) PB2 MODULE ASSY p/n:11-AMS02PDS-700.00 s/n:01 (pcb s/n:07-007/A). 2) PB2 MODULE ASSY p/n:11-AMS02PDS-700.00 s/n:02 (pcb s/n:07-007/B). HARDWARE REVIEW 1) PB2 MODULE ASSY p/n:11-AMS02PDS-700.00 s/n:01 (pcb s/n:07-007/A), Assy:11-AMS02PDS-700.00 rev./, Parts List:11-AMS02PDS-700.01 rev./, Electrical Scheme:11-AMS02PDS-700.02 rev./, Master PCB: SPO-PD-020500-DR-03-CGS rev./. The following NCR was presented during the inspection: <ul style="list-style-type: none"> NCR-PDS-CGS-C-003(electronic components assembly problems), NCR classified "minor" is still open during the inspection activity, the following corrective actions will be performed: glue the component C47 with adhesive EC 2216 B/A, perform a visual inspection of the previous rework. NCR-PDS-CGS-C-028(PB2 outlet lines design improvement), NCR classified "minor" is closed. NCR-PDS-CGS-C-048(PB2 board bracket conductance optimization), NCR classified "minor" is still open during the inspection activity, the following corrective actions will be performed: mount card-retainer MWEN226-8.00TM2LR. The following PLVS (Parts List Variation Sheet) was presented during the inspection: <ul style="list-style-type: none"> 11-AMS02PDS-700.01 rev / - A1 can be considered closed. 11-AMS02PDS-700.01 rev / - A2 can be considered closed. 11-AMS02PDS-700.01 rev / - A3 can be considered closed. 11-AMS02PDS-700.01 rev / - A4 can be considered closed. 11-AMS02PDS-700.01 rev / - A5 can be considered closed. On the pcb the U11 (AD590) component is not mounted. The H/W has been visually inspected and is ok:no damage, visible clean is ok.	
Operator Signature Date	Quality Assurance E. FRANCINI 14/05/08 C.C. C. CINQUEPAOLI 14/5/8

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<p>INSPECTION (Action/Results)</p> <p>2) PB2 MODULE ASSY p/n:11-AMS02PDS-700.00 s/n:02 (pcb s/n:07-007/B), Assy:11-AMS02PDS-700.00 rev./, Parts List:11-AMS02PDS-700.01 rev./, Electrical Scheme:11-AMS02PDS-700.02 rev./, Master PCB: SPO-PD-020500-DR-03-CGS rev./.</p> <p>The following NCR was presented during the inspection:</p> <ul style="list-style-type: none"> • NCR-PDS-CGS-C-004(electronic components assembly problems), NCR classified "minor" is still open during the inspection activity, the following corrective actions will be performed: glue the component C47 with adhesive EC 2216 B/A, perform a visual inspection of the previous rework. • NCR-PDS-CGS-C-029(PB2 outlet lines design improvement), NCR classified "minor" is closed. • NCR-PDS-CGS-C-048(PB2 board bracket conductance optimization), NCR classified "minor" is still open during the inspection activity, the following corrective actions will be performed: mount card-retainer MWEN226-8.00TM2LR. <p>The following PLVS (Parts List Variation Sheet) was presented during the inspection:</p> <ul style="list-style-type: none"> • 11-AMS02PDS-700.01 rev / - A1 can be considered closed. • 11-AMS02PDS-700.01 rev / - A2 can be considered closed. • 11-AMS02PDS-700.01 rev / - A3 can be considered closed. • 11-AMS02PDS-700.01 rev / - A4 can be considered closed. • 11-AMS02PDS-700.01 rev / - A5 can be considered closed. <p>On the pcb the U11 (AD590) component is not mounted.</p> <p>The H/W has been visually inspected and is ok:no damage, visible clean is ok.</p>	
Operator	Quality Assurance
<p>Signature</p> <p>Date</p>	<p><i>E. FRANCINI</i></p> <p>14/05/08</p> <p><i>C. CINQUEPACCHI</i></p> <p>14/05/08</p>

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<p>REQUIREMENT SATISFIED</p> <p>See page 1</p>	
<p>INSPECTION (Action/Results)</p> <p><u>CONCLUSION</u></p> <p>All solder joints are of adequate quality, the soldering process complies to ECSS-Q-70-08 and ECSS-Q-70-38, all modifications are performed according to ECSS-Q-70-28.</p> <p>The open points are here listed:</p> <ol style="list-style-type: none"> 1) On PB2 MODULE ASSY p/n:11-AMS02PDS-700.00 s/n:01 (pcb s/n:07-007/A) the U11 (AD590) component is not mounted. 2) On PB2 MODULE ASSY p/n:11-AMS02PDS-700.00 s/n:02 (pcb s/n:07-007/B) the U11 (AD590) component is not mounted. 3) NCR-PDS-CGS-C-003(electronic components assembly problems), NCR classified "minor" is still open during the inspection activity, the following corrective actions will be performed: glue the component C47 with adhesive EC 2216 B/A, perform a visual inspection of the previous rework. 4) NCR-PDS-CGS-C-004(electronic components assembly problems), NCR classified "minor" is still open during the inspection activity, the following corrective actions will be performed: glue the component C47 with adhesive EC 2216 B/A, perform a visual inspection of the previous rework. 5) NCR-PDS-CGS-C-048(PB2 board bracket conductance optimization), NCR classified "minor" is still open during the inspection activity, the following corrective actions will be performed: mount card-retainer MWEN226-8.00TM2LR. 	
<p>Operator</p>	<p>Quality Assurance</p>
<p>Signature</p> <p>Date</p>	<p><i>E. FRANCINI</i></p> <p><i>14/05/08</i></p> <p><i>C.C. CIVALEPACCHINI</i></p> <p><i>14/5/8</i></p>